



## PATENT ABSTRACTS OF JAPAN

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JANORA KEVIN H**(54) **SPOT METHOD FOR REPAIRING THERMAL  
BARRIER COATING, AND COMPOSITION**

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a method for repairing a locally peeled deposited thermal barrier coating (16) on a component (14) on the spot.

**SOLUTION:** The method comprises a step where ceramic paste obtained by incorporating a ceramic material containing solid zirconia particles into a binder material containing a silicone compound is deposited on the surface region exposed by local peeling in a component (14). The method further comprises a step where the binder material is heated so that the silicone

compound promotes the bonding of the solid zirconia particles to form a repair coating (40) covering the surface region of the component (14).

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